

Application No.: 10/074,617Docket No.: V9661.0027

### **AMENDMENTS TO THE CLAIMS**

Please amend the claims as follows:

1. (Currently Amended) A method of **[treating a health] regulating the mental** condition of a user, comprising:
  - providing a graphic element for the user to compose a graphic production comprising the graphic element;
  - determining a sensory signal for use to treat the user's health condition; and
  - measuring a change of the sensory signal while the user is composing the graphic production;wherein the sensory signal change is used to regulate the user's activities in composing the graphic production to thereby **[treat] improve** the user's health **[condition]**.
2. (Original) The method of claim 1, wherein the sensory signal is determined in accordance to the health condition to be treated.
3. (Original) The method of claim 2, wherein the sensory signal is at least one of blood pressure, digital pulse volume, skin conductance, skin temperature, heart rate and pulse rate when the health condition is the user's general health.
4. (Original) The method of claim 2, wherein the sensory signal is at least one of digital pulse volume, skin temperature, skin conductance, blood pressure, pulse rate and heart rate when the health condition is the user's emotional health.
5. (Original) The method of claim 2, wherein the sensory signal is electroencephalogram when the health condition is the user's cognitive health.
6. (Original) The method of claim 1, wherein the sensory signal is selected from the group consisting of blood pressure, digital pulse volume, electroencephalogram, electrocardiogram, electromyogram, galvanic heart rate, pulse rate, respiration, skin conductance, skin response, skin temperature, and any combination thereof.

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7. (Original) The method of claim 1, wherein the graphic element is selected from the group consisting of characters, alphabets, scripts, numerals, geometric units, non-linguistic forms, and any combination thereof.

8. (Previously amended) The method of claim 1 further comprising determining a second sensory signal, and displaying the second sensory signal while the user is composing the graphic production.

9. (Original) The method of claim 8 further comprising displaying the sensory signals in at least one of the forms of visual, auditory, tactile, and thermal signals.

10. (Currently Amended) A method for treating a **[health] psychosomatic** condition of a user, comprising:

determining a sensory signal for use to treat the user's health condition;

measuring a change in the sensory signal while the user is engaging in an activity; and

using the sensory signal change to regulate the user's activity to thereby **[treat] improve** the user's health **[condition]**.

11. (Original) The method of claim 10, wherein the change in the sensory signal is measured when the user is engaging in a handwriting activity.

12. (Original) The method of claim 11, wherein the handwriting activity comprising tracing a graphic element.

13. (Original) The method of claim 11, wherein the handwriting activity comprising copying a graphic element.

14. (Original) The method of claim 10, wherein the change in the sensory signal is measured when the user is engaging in a free handwriting.

15. (Original) The method of claim 11, wherein the handwriting activity comprising tracing a graphic element, copying a graphic element, and free handwriting.

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16. (Original) The method of claim 10, wherein the change in the sensory signal is measured when the user is handwriting a graphic element.

17. (Original) The method of claim 16, wherein the graphic element is selected from the group consisting of characters, alphabets, scripts, numerals, geometric units, nonlinguistic forms, and any combination thereof.

18. (Original) The method of claim 16, wherein the graphic element comprises a predetermined non-linguistic form.

19. (Original) The method of claim 18, wherein the non-linguistic form is selected from the group consisting of drawings, cave writings, tokens, logos, symbols, and any combination thereof.

20. (Currently Amended) A system for [treating a] use to improve a user's health [condition of a user] as recited in claim 10, comprising:

a sensor device for measuring a sensory signal of the user while the user is engaging in an activity; and

a display device receiving the sensory signal measured by the sensor device and displaying the sensory signal;

wherein the change to the sensory signal is used to regulate the user's activity to thereby treat the user's health condition.

21. (Original) The system of claim 20 further comprising an article used by the user when engaging in the activity.

22. (Original) The system of claim 21, wherein sensor device is built-in the article.

23. (Original) The system of claim 21, wherein the article is selected from the group consisting of writing instruments, personal care devices, exercise devices, computer mouse, joy sticks, medical devices, hand-craft devices, household utensils, hand-tools, and any combination thereof.

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24. (Currently Amended) The system of claim [22] 23, wherein the writing instrument is selected from the group consisting of pens, pencils, brushes, stylus, chalks, crayons, markers, and any combination thereof.

25. (Original) The system of claim 21, wherein the display device generates at least one of the visual, auditory, tactile, and thermal signals.

26. (Original) The system of claim 21 further comprising a graphic element to be used by the user to compose a graphic production comprising the graphic element.

27. (Original) The system of claim 26, wherein the graphic element is selected from the group consisting of characters, alphabets, scripts, numerals, geometric units, nonlinguistic forms, and any combination thereof.

28. (Canceled) [The system of claim 21, wherein the sensory signal is selected from the group consisting of blood pressure, digital pulse volume, electroencephalogram, electrocardiogram, electromyogram, galvanic heart rate, pulse rate, respiration, skin conductance, skin response, skin temperature, and any combination thereof.]

29. (Original) The system of claim 21, wherein the sensor device measures a plurality of sensory signals.

30. (Original) The system of claim 29 comprising a plurality of sensor devices for use on a plurality of users.

31. (New) A health treatment for a user with a health condition, comprising:  
determining a sensory signal for use to treat the user's health condition;  
engaging the user in an activity;  
measuring a change in the sensory signal while the user is engaging in the activity; and  
regulating the user's activity using the sensory signal change to thereby treat the health condition and improve the user's health.